

ELED 4140 Assignment Calendar; Thursday 1:00-4:00

*Underlined = graphic organizer entry prior to class (per chapter); Use the tool labeled as the interactive notebook entry for each week.*

<b>DATE</b>	<b>CLASS FOCUS</b>	<b>INTERACTIVE NOTEBOOK ENTRY</b>
Week 1 1/22	<b>INTRODUCTION</b> <ul style="list-style-type: none"> <li>• Personal Experiences Learning Science</li> <li>• State Curriculum Treasure Hunt</li> <li>• A Framework for K-12 Science Education</li> <li>• Setup Interactive Notebooks</li> <li>• Inquiry with Toys &amp; Straw Rockets – Intro 5E Model</li> <li>• CCSS-ELA: <i>Practice Close Reading &amp; Informational Texts</i></li> </ul>	Read page 2-6 from IN book prior to first class.
Week 2 1/29	<b>INQUIRY &amp; THE NATURE OF SCIENCE</b> <ul style="list-style-type: none"> <li>• <u>Inquiry &amp; NOS Reading</u></li> <li>• <u>Picture Perfect Science Reading Chapter 1-2</u></li> <li>• <u>Organizing Notebooks for Learning (IN Book p. 23-39 Chapter 2)</u></li> <li>• Intro Science Formative Assessment Classroom Techniques (FACTs Book) – Assessment Card Sort.</li> <li>• Introduce &amp; Plan for Science in a Bag/Box</li> <li>• edTPA: <i>Academic Vocabulary</i></li> </ul>	Graphic Organizer (GO): “Picture Note Making”
Week 3 2/5	<b>PLANNING A 5E or 6E LESSON</b> <ul style="list-style-type: none"> <li>• <u>Planning Reading</u></li> <li>• <u>Picture Perfect Science Chapter 3 &amp; 4</u></li> <li>• <u>Gaining Student Buy-in &amp; Ownership (IN Book p. 41-52 Chapter 3)</u></li> <li>• Science in a Bag/Box</li> <li>• Begin Inquiry</li> <li>• CCSS-ELA: <i>Text Complexity &amp; Text Dependent Questions</i></li> </ul>	GO: “Photo Finish”
Week 4 2/12	<b>TALK MOVES &amp; SCIENTIFIC ARGUMENTS</b> <ul style="list-style-type: none"> <li>• <u>Making Thinking Visible: Talk and Argument Reading</u></li> <li>• <u>Using Notebooks During Investigations (IN p. 53-71 Chapter 4)</u></li> <li>• edTPA: <i>Accountable Talk, Talk Moves &amp; Discourse</i></li> <li>• <b>CONDUCT INQUIRY IN CLASS</b></li> </ul>	GO
Week 5 2/19	<b>ASSESSMENT</b> <ul style="list-style-type: none"> <li>• <u>Assessment Reading</u></li> <li>• <u>Learning Through Writing (IN Book p. 112-131 Chapter 7)</u></li> <li>• Formative Assessment Probes</li> <li>• CCSS-ELA: <i>Evidence-Based Writing; Making Claims</i></li> <li>• edTPA: <i>Academic Feedback &amp; Assessment</i></li> </ul>	GO: “My Top Ten List”  <b>Discuss Misconceptions</b>

	<ul style="list-style-type: none"> <li>• CONDUCT INQUIRY IN CLASS</li> </ul>	
Week 6 2/26	<i>SCIENTIFIC PRACTICES</i> <ul style="list-style-type: none"> <li>• <u>Scientific Practices Reading</u></li> <li>• Finalize Inquiry</li> <li>• Physical Science – <i>Electrical Energy Demo Lesson</i></li> <li>• Planning time in class for lessons</li> </ul>	GO: “Write About”
Week 7 3/5	<i>SCIENCE FOR DIVERSE LEARNERS</i> <ul style="list-style-type: none"> <li>• <u>Diverse Learners Reading</u></li> <li>• Planning time in class for lessons</li> </ul>	GO: “Headline News Summary”
	<i>Spring Break March 9-13</i>	
Week 8 3/19	<i>EXTENSIONS WITHIN &amp; BEYOND THE CLASSROOM</i> <ul style="list-style-type: none"> <li>• <u>Extensions Reading</u></li> <li>• Demonstration Lessons</li> <li>• Introduce Bottle Rocket Engineering Design</li> </ul>	GO: “Quick Write/Quick Draw”
Week 9 3/26	<i>ENGINEERING DESIGN</i> <ul style="list-style-type: none"> <li>• <u>Engineering Design Reading</u></li> <li>• Demonstration Lesson Plans (as needed)</li> <li>• Shoot Bottle Rockets – Collect Data</li> </ul>	Combination Notes
Week 10 4/1 WED.	PLT/WILD workshop	Interactive Notebook Due

\*PLT/WILD workshop provides contact hours for one Science class.